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S7	27	trends and parameters and (baseline adj model) and correlation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 13:37
S8	2425	((703/10,2,7) or (701/59) or (700/29,30,31)).CCLS.	USPAT	OR	OFF	2006/12/26 13:42
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L3	28	prognosis and diagnostics and ((aircraft or jet) with engine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 17:21
L4	60	("20010001851" | "20020013635" | "20020032544" | "20020038199" | "20030083794" | "20040003318" | "3758758" | "4283634" | "4320662" | "4426641" | "4488240" | "4787053" | "4985857" | "4988979" | "4989159" | "5150855" | "5210704" | "5211539" | "5223207" | "5239468" | "5293585" | "5351247" | "5383133" | "5519637" | "5526292" | "5551649" | "5566092" | "5574646" | "5579232" | "5600576" | "5602757" | "5610339" | "5698788" | "5726891" | "5768124" | "5774376" | "5804726" | "5806011" | "5809437" | "5852793" | "5854993" | "5893892" | "5895857" | "5951611" | "5978727" | "6004017" | "6014447" | "6014598" | "6027239" | "6175787" | "6192325" | "6199018" | "6260004" | "6295510" | "6298308" | "6301572" | "6321602" | "6343251" | "6363303" | "6711523").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 17:40

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Yujia Li, Tan Lee, Yao Qian
September 2004 **ACM Transactions on Asian Language Information Processing (TALIP)**, Volume 3 Issue 3
Publisher: ACM Press
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For the generation of highly natural synthetic speech, the control of prosody is of primary importance. The fundamental frequency (F0) is one of the most important components of speech prosody. This research investigates the variation of F0 in continuous Cantonese speech, with the goal of establishing an effective mechanism of prosody control in Cantonese text-to-speech (TTS) applications. Cantonese is a commonly used Chinese dialect that is well known for being rich in tones. This article de ...

Keywords: Chinese dialects, Text-to-speech, fundamental frequency, prosody, tones

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Thomas Funkhouser, Michael Kazhdan
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Large repositories of 3D data are rapidly becoming available in several fields, including mechanical CAD, molecular biology, and computer graphics. As the number of 3D models grows, there is an increasing need for computer algorithms to help people find the interesting ones and discover relationships between them. Unfortunately, traditional text-based search techniques are not always effective for 3D models, especially when queries are geometric in nature (e.g., find me objects that fit into thi ...

3 GPGPU: general purpose computation on graphics hardware   ■
David Luebke, Mark Harris, Jens Krüger, Tim Purcell, Naga Govindaraju, Ian Buck, Cliff Woolley, Aaron Lefohn
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1 Model-based object recognition in dense-range images—a review
Farshid Arman, J. K. Aggarwal
March 1993 **ACM Computing Surveys (CSUR)**, Volume 25 Issue 1
Publisher: ACM Press

Full text available: 📄 pdf(3.42 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

The goal in computer vision systems is to analyze data collected from the environment and derive an interpretation to complete a specified task. Vision system tasks may be divided into data acquisition, low-level processing, representation, model construction, and matching subtasks. This paper presents a comprehensive survey of model-based vision systems using dense-range images. A comprehensive survey of the recent publications in each subtask pertaining to dense-range image object recogni ...

Keywords: 3D object recognition, 3D representations, CAD-based vision, dense-range images, image understanding

2 A model of noisy software engineering data (status report)
Roseanne Tesoriero, Marvin Zelkowitz
April 1998 **Proceedings of the 20th international conference on Software engineering**
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3 Fast detection of communication patterns in distributed executions
Thomas Kunz, Michiel F. H. Seuren
November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**
Publisher: IBM Press
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Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer

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